

ABSTRACT OF THE DISCLOSURE

Fabric and fabric like synthetic plastic or agricultural derived products and sheet products of diverse thickness (ranging from high thickness rigid products to flexible films) are made as multi-component systems (e.g. a core-sheath fiber) with a carrier portion adapted to a first function (e.g. a high strength core) and a secondary portion (e.g. the sheath) carrying anti-microbial particles in an effective amount of high accessibility. An alternative is a blend of response fibers (e.g. (1) anti-microbial particles in a first plastic fiber blended with a second natural fiber and coated for bonding, (2) blends of diverse plastic fibers. The products can be fabrics of indefinite length or form of coherent products.